

In The Claims

Claim 1 has been amended as follows:

1. (Twice Amended) A gaseous flow sensor comprising:
- a substrate formed of an electrically insulating material;
- a reference resistor formed on said substrate and disposed in a gaseous flow at an ambient temperature without heating;
- a flow-sensing resistor formed on said substrate and disposed in said gaseous flow heated to a temperature higher than said ambient temperature, wherein said reference resistor and said flow-sensing resistor are formed of a resistive material of an oxide; and
- an electrical circuit in electrical communication with said reference resistor and said flow-sensing resistor.

Claim 2 has been amended as follows:

2. (Amended) A gaseous flow sensor according to claim 1, wherein said resistive material comprises an oxide composition of Pb, Ru, ~~Sn~~ and Bi.

Claim 10 has been amended as follows:

10. (Twice Amended) A gaseous flow sensor comprising:
a substrate formed of an electrically insulating material;
a reference resistor formed on said substrate and disposed
in a gaseous flow at an ambient temperature without heating;
a flow-sensing resistor formed on said substrate and
disposed in said gaseous flow heated to a temperature higher than
said ambient temperature, wherein said reference resistor and
said flow-sensing resistor both are formed of a resistive
material of an oxide; and
an electrical circuit in electrical communication with said
reference resistor and said flow-sensing resistor.

Claim 12 has been amended as follows:

12. (Amended) An airflow meter according to claim 10,
wherein said substrate is formed of a ceramic material.

[Claim 13 has been amended as follows:]

13. (Amended) An airflow meter according to claim 11,
wherein said first resistor is formed in a serpentine
configuration.

[Claim 14 has been amended as follows:]

14. (Amended) An airflow meter according to claim 11, wherein said first resistor being formed in a serpentine configuration having an aspect ratio (length/width of resistor) of at least 2.

[Claim 15 has been amended as follows:]

15. (Amended) An airflow meter according to claim 11, wherein said first and second resistors are formed with a thickness between about 2 μm and about 30 μm .

[Claim 16 has been amended as follows:]

16. (Amended) An airflow meter according to claim 11, wherein said first and second resistors are formed of a resistive material of an oxide.

[Claim 17 has been amended as follows:]

17. (Amended) A method for fabricating a gaseous flow sensor comprising the steps of:

thick film printing a reference resistor from an oxide containing paste;

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thick film printing a flow-sensing resistor from an oxide
containing paste;

forming a circuit for providing electrical communication
between said reference resistor and said flow-sensing resistor
and for determining a differential resistance therein between.

REMARKS

Thorough examination and careful review of the
application by the Examiner is noted and appreciated.

Claims 1-8 and 10-21 are pending in the application.

Claims 1-8 and 10-21 stand rejected.

Claim Rejections Under 35 USC §112

Claims 12-16 are rejected under 35 USC §112, second
paragraph, as being indefinite for failing to particularly point
out and distinctly claim the subject matter which Applicants
regard as the invention.